

R E M A R K S

Applicants cancel claims 1-17 and submit claims 18-20. Claims 18-20 are now pending in the application. Applicants submit claims 18-20 to round out the scope of the claimed invention. No new matter has been added.

Applicants respectfully request that the Examiner consider the Information Disclosure Statement ("IDS") that was filed on February 12, 2008.

Applicants respectfully submit that neither the references cited in the February 12 IDS nor the previously-cited references disclose or suggest,

"[a] wireless-communication apparatus comprising a feed antenna element, a plurality of no-feed antenna elements, and a plurality of variable reactance units respectively connected to the plurality of no-feed antenna elements, and controlling directivity of an antenna by adjusting the plurality of variable reactance units, comprising:

an adjustment unit performing perturbation control so that each period to temporarily change reactance of each of the plurality of variable reactance units is shorter than a period in which the perturbation control is not performed for any of the plurality of variable reactance units.

wherein the wireless-communication apparatus controls the directivity of the antenna on the basis of received signals respectively received in the period in which the perturbation control is not performed for any of the plurality of variable reactance units and a period in which the perturbation control provides perturbation," as recited in claim 18. (Emphasis added)

Accordingly, Applicants respectfully submit that claim 18, together with claims 19-20 dependent therefrom, is patentable for at least the foregoing reasons.

In view of the remarks set forth above, this application is in condition for allowance which action is respectfully requested. However, if for any reason the Examiner should consider this application not to be in condition for allowance, the Examiner is respectfully requested to telephone the undersigned attorney at the number listed below prior to issuing a further Action.

Any fee due with this paper may be charged to Deposit Account No. 50-1290.

Respectfully submitted,

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